

 [order form free](#) Print CloseSearch Result 12 of 122[◀ back](#) [next ▶](#)EPB 99-10 0661355 **Cyclic carbamate-curable coating composition****INVENTOR(S)**- December, Timothy S. 1403 Brians Way Rochestor,  
Michigan 48307 US**INVENTOR(S)**- Harris, Paul J. 3623 Sancroft West Bloomfield, Michigan  
48324 US**PATENT ASSIGNEE(S)**- BASF CORPORATION (612861) 26701 Telegraph  
Road Southfield, Michigan 48086-5009 US **DESG. COUNTRIES**- AT; BE;  
CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE**PATENT NUMBER**- 00661355/EP B1**PATENT APPLICATION NUMBER**- 94119908**DATE FILED**- 1994-12-16**PUBLICATION DATE**- 1999-03-10**PATENT PRIORITY INFO**- US, 171320, 1993-12-21**ATTORNEY, AGENT, OR FIRM**- Munch, Volker, Dr. et al, (59992), Dres.  
Fitzner, Munch & Jungblut Kaiserswerther Strasse 74, 40878 Ratingen, DE**INTERNATIONAL PATENT CLASS**- C09D00544**PUBLICATION**- 1995-07-05, A2, Published application without search report;  
1999-03-10, B1, Publication of granted patent**FILING LANGUAGE**- English**PROCEDURE LANGUAGE**- English**LANGUAGE**- English NDN- 069-0328-9881-4

**EXEMPLARY CLAIMS**- A coating composition comprising: A) a resin having a plurality of primary amine groups selected from the group consisting of epoxy, acrylic, polyester, polyether, polyamide, polybutadien and phenolic resins, and B) a curing agent having a plurality of cyclic carbonate groups. A coating composition according to claim 1 wherein the resin A is an epoxy resin. A coating composition according to claim 2 wherein the resin A is the reaction product of: a) a polyepoxide resin and b) a compound comprising a secondary amine group and at least one latent primary amine group blocked by a ketimine. A coating composition according to claim 2 or 3 wherein the polyepoxide resin is a polyglycidyl ether of a polyphenol. A coating composition according to claim 3 wherein compound b) has one secondary amine group and two latent primary amine groups blocked by ketimine. A coating composition according to claims 2 to 4 wherein the epoxy resin has an epoxy equivalent weight of 500 to 1900. A coating composition according to claims 1 to 6 wherein the resin A has a primary amine equivalent weight of 300 to 3000. A coating composition according to claims 1 to 7 wherein the curing agent B is the reaction product of a polyepoxide

and carbon dioxide. A coating composition according to claim 8 wherein the polyepoxide is a triepoxide. A coating composition according to claim 9 wherein the triepoxide is the reaction product of a triol and an epihalohydrin. A coating composition according to claims 1 to 10 wherein the primary amine groups on the resin A are cationic acid salted primary amine groups.

**DESIGNATED COUNTRY(S)-** AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

---

◀ [back](#)   [next](#) ▶